AMENDMENTS TO THE CLAIMS

1. (Previously Presented) An operating system management method for managing a plurality of operating systems, comprising the steps of:

enabling each of a plurality of operating systems to record its operation information item corresponded to operation information items of other operating systems and to be assumed as a reference of operation information items of those other operating systems, regarded to have been generated approximately at the same time;

replacing alternately and operating in a time-sharing manner said plurality of operating systems, said plurality of operating systems being booted up at the same time;

operating said plurality of operating systems as software of a common computing unit;

finding the correspondence of an operation information item to be assumed as a reference of said approximately same items from operation information items recorded by said other operating systems; and

finding a sequence of operation information items recorded by said other operating systems according to said found correspondence.

2. (Previously Presented) An operating system management method for managing a plurality of operating systems, comprising the steps of:

enabling each of a plurality of operating systems to record its operation information item corresponded to other operation information items of other operating systems and to be assumed as a reference of said other operation information items regarded to have been generated approximately at the same time with reference to a counter value to be updated when said operation information item of each of said plurality of operating systems is recorded;

finding a sequence of recorded operation information items in order they are generated with use of a size of said counter value added to said operation information of each of a plurality of said operating systems;

replacing alternately and operating in a time-sharing manner said plurality of operating systems, said plurality of operating systems being booted up at the same time; and

operating said plurality of operating systems as software of a common computing unit.

3. (Previously Presented) An operating system management method comprising the steps of:

replacing alternately and operating in a time-sharing manner a plurality of operating systems, said plurality of operating systems being booted up at the same time;

operating said plurality of operating systems as software of a common computing unit;

recording operative information connected with the operative circumstances of one of said plurality of operating systems;

acquiring from said recorded operative information operative information which becomes a reference for time; and

performing operating management on the basis of said acquired information.

4. (Previously Presented) The method according to claim 1, further comprising storing operation trace information in each of said plurality of operating systems.

5. (Previously Presented)   The method according to claim 4, further comprising providing a control program on a side of said plurality of operating systems closer to a computer.

6. (Previously Presented)   The method according to claim 5, further comprising operating a trace log editing program under control of one said plurality of operating systems.

7. (Previously Presented)   The method according to claim 6, further comprising communicating operation trace information of the other of said plurality of operating systems to the trace log editing program through the control program.

8. (Previously Presented)   The method according to claim 1, further comprising displaying, in association with a trace name, a managed time of one of said plurality of operating systems and a managed time of the other of said plurality of operating systems.

9. (Previously Presented)   The method according to claim 5, further comprising managing with said control program managed time of one of one of said plurality of operating systems and managed times of the other of said plurality of operating systems.

10. (Previously Presented)   The method according to claim 9, further comprising performing said time managing on the basis of a counter of the control program.

11. (Previously Presented)   The method according to claim 1, further comprising performing time management by a program which is operated by a third operating system under a second computer.

12. (Previously Presented)   The method according to claim 1, further comprising including in said operation information item at least one of an operating system

switching trace, a synchronization trace, and an inter-operating system communication trace.

13. (Previously Presented) An operating system management method comprising the steps of:

booting up at the same time a plurality of operating systems;

enabling each of said plurality of operating systems to record an operation information item corresponding to operation information items of other of said plurality of operating systems and to be assumed as a reference of operation information items of those other operating systems;

finding the correspondence of said operation information item to be assumed as a reference with operation information items recorded by said other operating systems.

14. (Previously Presented) An operating system management method for managing a plurality of operating systems, comprising the steps of:

enabling each of a plurality of operating systems to record its operation information item corresponding to other operation information items of other of said plurality of operating systems and to be assumed as a reference of said other operation information items;

finding a sequence of said recorded operation information items using size of a counter value added to said operation information items of each of said plurality of said operating systems; and

operating said plurality of operating systems as software of a common computing unit.

15. (Previously Presented) An operating system management method comprising the steps of:

replacing alternately and operating in a time-sharing manner a plurality of operating systems;

recording operative information related to operative circumstances of one of said plurality of operating systems;

acquiring from said recorded operative information operative information which becomes a reference for time; and

performing operating management on the basis of said acquired information.

16. (New) An operating system management method for managing a plurality of operating systems, comprising the steps of:

enabling each of a plurality of operating systems to record its operation information item corresponded to operation information items of other operating systems and to be assumed as a reference of operation information items of those other operating systems, regarded to have been generated approximately at the same time, wherein each of said plurality of operating systems has a transmission program for recording its operation information item, and a receiving program for recording received operation information items;

replacing alternately and operating in a time-sharing manner said plurality of operating systems, said plurality of operating systems being booted up at the same time;

operating said plurality of operating systems as software of a common computing unit;

finding the correspondence of an operation information item to be assumed as a reference of said approximately same items from operation information items recorded by said other operating systems; and

finding a sequence of operation information items recorded by said other operating systems according to said found correspondence.

17. (New) An operating system management method for managing a plurality of operating systems, comprising the steps of:

enabling each of a plurality of operating systems to record and display on a display unit its operation information item corresponded to other operation information items of other operating systems and to be assumed as a reference of said other operation information items regarded to have been generated approximately at the same time with reference to a counter value to be updated when said operation information item of each of said plurality of operating systems is recorded;

finding a sequence of recorded operation information items in order they are generated with use of a size of said counter value added to said operation information of each of a plurality of said operating systems;

merging said operation information items in the order they are generated and displaying the merged information on said display unit;

replacing alternately and operating in a time-sharing manner said plurality of operating systems, said plurality of operating systems being booted up at the same time; and

operating said plurality of operating systems as software of a common computing unit.